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Sactual [mm * 1000]— Snominal [mm * 1000]--Sdiff [mm * 10000]: Vactual [mm/min]

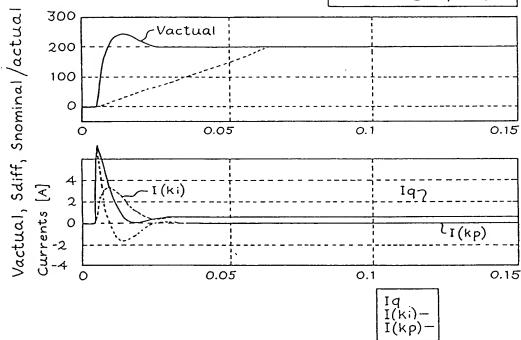
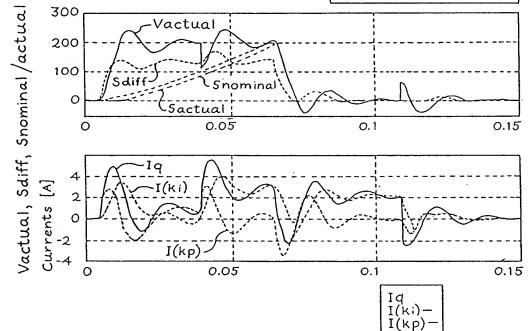
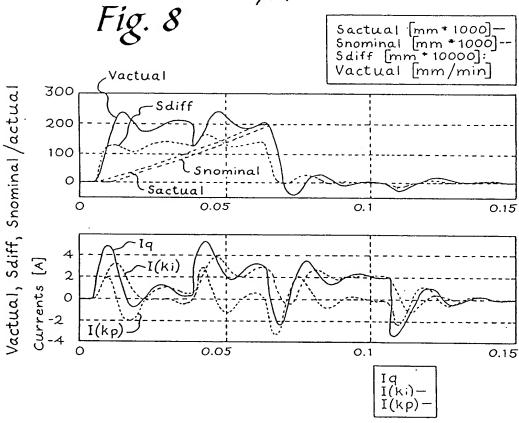


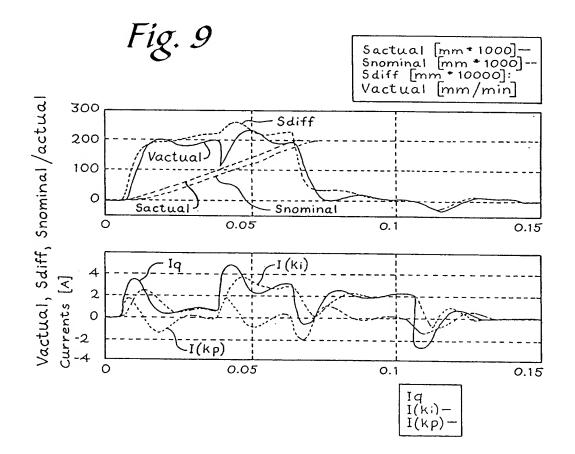
Fig. 7

Sactual [mm*1000]— Snominal [mm*1000]--Sdiff [mm*10000]: Vactual [mm/min]



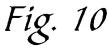












Sactual [mm * 1000]— Snominal [mm * 1000]--Sdiff [mm * 10000]: Vactual [mm/min]

> Iq I(ki)-I(kp)

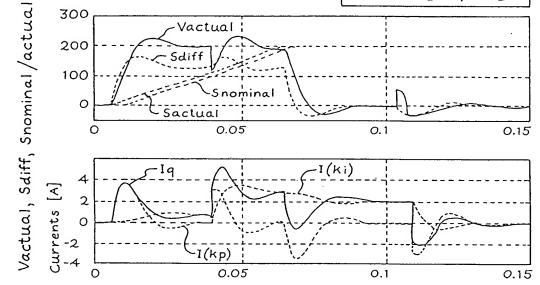
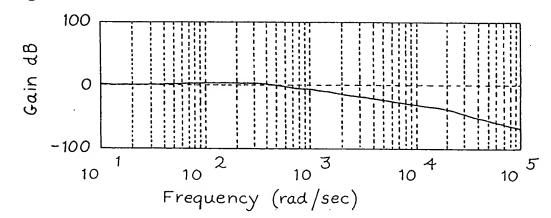


Fig. 11



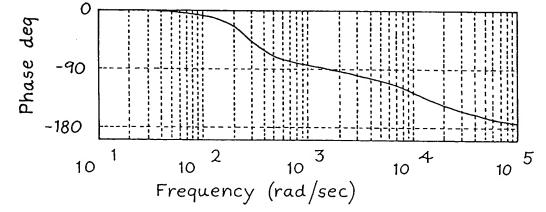
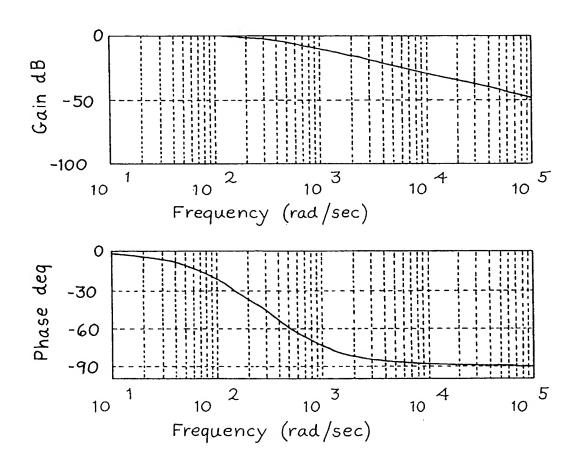
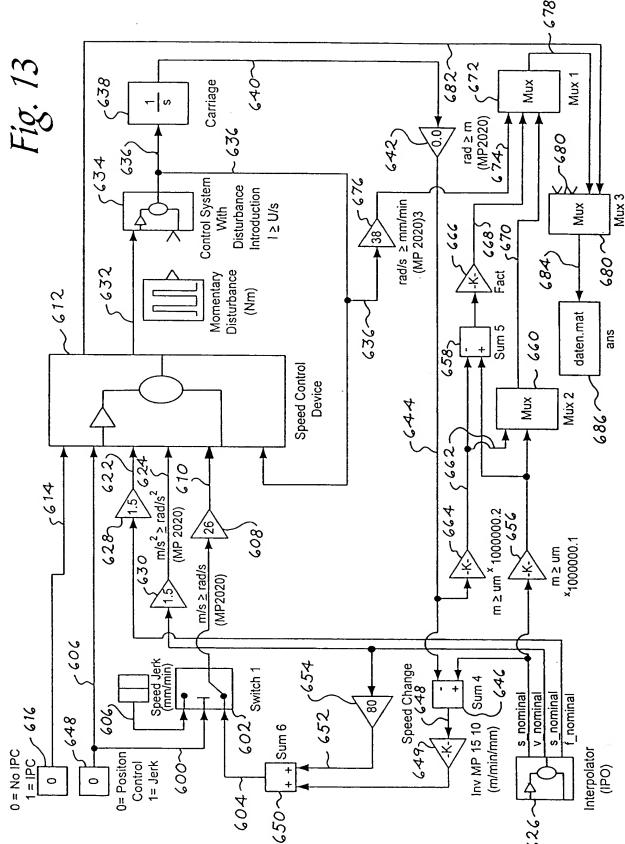




Fig. 12





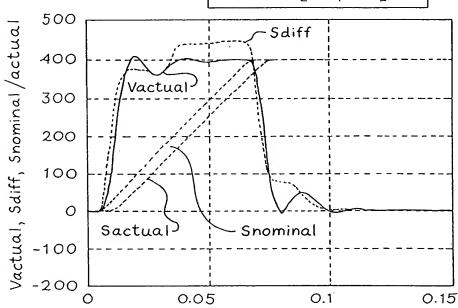


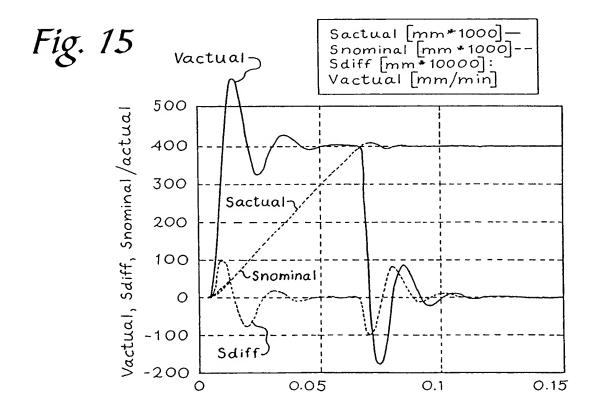


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Fig. 14

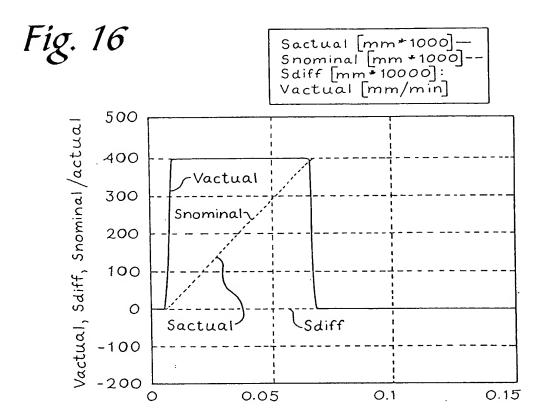
Sactual [mm*1000]— Snominal [mm*1000]--Sdiff [mm*10000]: Vactual [mm/min]





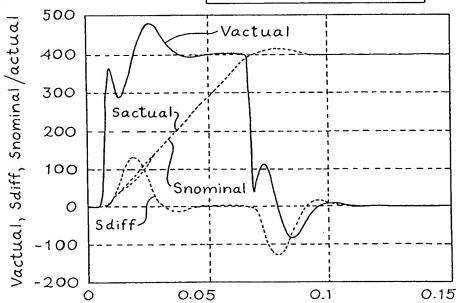


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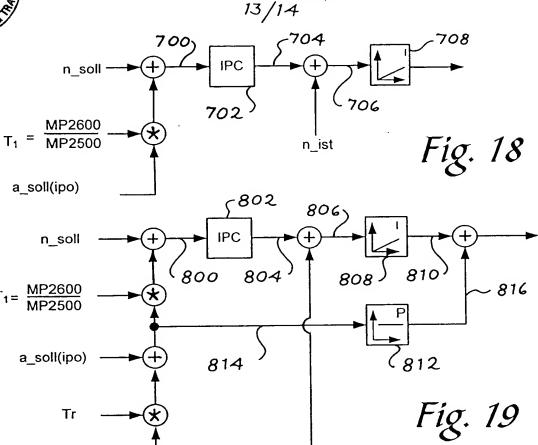
Sactual [mm*1000]— Snominal [mm*1000]--Sdiff [mm*10000]: Vactual [mm/min]

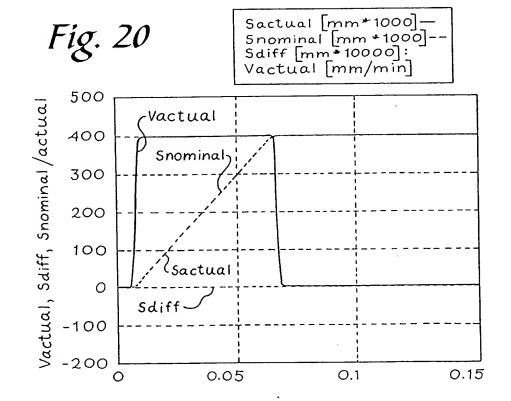




r_soll(ipo)

Patent Application for: METHOD FOR DETERMINING TIME CONSTANTS OF A REFERENCE MODEL IN A CASCADE CONTROLLING CIRCUIT Inventor: Norbert Kerner Serial No.: 10/089,321





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